

# Macintosh Family, 3rd Party Video Board Reference Chart

January 1991

Graphics Board Manufacturers	MacSync™ & MacSync™ & HC Color Monitors 14" Analog 35KHz	MultiSync® GS2A Gray Scale Monitor² 14" Analog 31.5KHz & 35KHz	MultiSync® 3D MultiSync® 3DS Color Monitors¹ 14" TTL & Analog 15.5KHz-38KHz	MultiSync® 4D Color Monitor 16" Analog 30KHz-57KHz	MultiSync® 5D Color Monitor 20" Analog 30KHz-64KHz
<b>Macintosh II Family</b>					
Apple Computer, Inc. Display Card 4-8	640x480	640x480	640x480	640x480	640x480
Apple Computer, Inc. Display Card 8-24	640x480	640x480	640x480	640x480	640x480
Apple Computer, Inc. Display Card 8-24 GC	640x480	640x480	640x480	640x480	640x480
Apple Computer, Inc. Macintosh II Video Card	640x480	640x480	640x480	640x480	640x480
Apple Computer, Inc. Macintosh IIfx On-board video	640x480	640x480	640x480	640x480	640x480
Apple Computer, Inc. Macintosh IIfx On-board video	640x480	640x480	640x480	640x480	640x480
Artist Graphics MacXJS				1024x768/60Hz	1280x1024 1152x870 1024x768/60Hz 1024x768/75Hz
Artist Graphics Artist Mac10				1024x768	1024x768
E-Machines, Inc. DoubleColor				832x624	832x624
E-Machines, Inc. E-Machines/24				1024x808/71Hz	1024x808/71Hz
Generation Systems, Inc. Vision II				1024x768	1024x768
Generation Systems, Inc. Color24 gx	640x480	640x480	640x480	640x480 800x600 1024x768	640x480 800x600 1024x768
Micron Technology, Inc. Xceed NB6-48	640x480	640x480	640x480	640x480	640x480
Micron Technology, Inc. Xceed NB10-78				1024x768	1024x768

This chart is for informational purposes only. Please contact the board manufacturer or NEC Technical Support at 800-FONE-NEC for details of performance parameters of the appropriate monitor/board combination. In Canada call 800-268-3997.

**NOTES:** 1. For connectivity between the MultiSync 3D and the video boards listed above, a "Pearl" adapter is required. Available at 312-237-2264.  
2. For connectivity between the MultiSync GS2A and the video boards listed above, a "Ruby" adapter is required. Available at 312-237-2264.

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Micron Technology, Inc. Multi-Resolution Video Card				1024x768/60Hz	1024x768/60Hz 1024x768/75Hz 1152x870
National Semiconductor MacLangelo/24	640x480	640x480	640x480	640x480 800x600 1024x768	640x480 800x600 1024x768
PCPC CGCII/32	640x480	640x480	640x480	640x480 1024x768	640x480 1024x768
PCPC CGCII/8				1024x768	1024x768
Radius, Inc. DirectColor/GX	640x480	640x480	640x480 NTSC-RGB	640x480	640x480
Radius, Inc. DirectColor/8					1152x882/72Hz
Radius, Inc. DirectColor/16					1152x882/72Hz
Radius, Inc. DirectColor/24					1152x882/72Hz
Radius, Inc. GS/C Interface					1152x882/70Hz
RasterOps Corporation 24S	640x480	640x480	640x480 NTSC-RGB	640x480	640x480
RasterOps Corporation ColorBoard 264	640x480	640x480	640x480	640x480	640x480
RasterOps Corporation ColorBoard 364	640x480	640x480	640x480	640x480	640x480
RasterOps Corporation 24L	640x480	640x480	640x480	640x480 800x600 1024x768Hz	640x480 800x600 1024x768/60Hz 1024x768/75Hz
RasterOps Corporation ColorBoard 228				640x480 800x600 1024x768 1280x1024	640x480 800x600 1024x768 1280x1024
RasterOps Corporation ColorBoard 224	640x480	640x480	640x480	640x480 800x600 1024x768	640x480 800x600 1024x768

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RasterOps Corporation ColorBoard 108+	640x480	640x480	640x480	640x480 800x600 1024x768	640x480 800x600 1024x768
Relax Technology, Inc. View II/24	640x480	640x480	640x480	640x480 800x600 1024x768	640x480 800x600 1024x768
Relax Technology, Inc. View II 8Bit 13"	640x480	640x480	640x480	640x480	640x480
Relax Technology, Inc. View II 8Bit 19"				1024x768	1024x768
SuperMac Technology ColorCard 24	640x480	640x480	640x480	640x480	640x480
SuperMac Technology Spectrum/8 PDQ	640x480	640x480	640x480	640x480 1024x768Hz	640x480 832x624/88Hz 1024x768/60Hz 1024x768/75Hz 1152x870/72Hz
SuperMac Technology Spectrum/24 PDQ	640x480	640x480	640x480	640x480 1024x768	640x480 832x624/88Hz 1024x768/60Hz 1024x768/75Hz 1152x870/72Hz
SuperMac Technology Spectrum/8 Series III	640x480	640x480	640x480	640x480 1024x768	640x480 1024x768
SuperMac Technology Spectrum/24 Series III	640x480	640x480	640x480	640x480 1024x768	640x480 1024x768
Truevision, Inc. NuVista+ 1M			Up to 16 bit: NTSC 512x400 512x486 640x480 720x486 CCIR-601 756x486	8 bit: PAL 768x576	
Truevision, Inc. NuVista+ 2M			Up to 32 bit: NTSC 512x400 512x486 640x480 720x486 CCIR-601 756x486	Up to 16 bit: PAL 768x576	
Truevision, Inc. NuVista+ 4M			Up to 32 bit: NTSC 512x400 512x486 640x480 720x486 CCIR-601 756x486	Up to 32 bit: PAL 768x576	

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Truevision, Inc. NuVista 1M			512x482 Targa up to 32 bit 640x480 up to 16 bit NTSC, PAL frequencies		
Truevision, Inc. NuVista 2M			Up to 32 bit: NTSC PAL 512x400 512x576 512x486 600x486 640x480 646x486 720x486 756x486		
Truevision, Inc. NuVista 4M			Up to 32 bit: NTSC PAL 512x400 512x576 512x486 640x576 600x486 720x576 640x480 740x576 646x486 768x576 720x486 756x486		
Truevision, Inc. HR 2M, 4M					1280x960

## Other Macintosh Systems: Classic, Portable, SE, Plus

Aura Systems, Inc. ScuzzyGraph	640x480	640x480	640x480 NTSC-RGB	640x480 1024x768	640x480 1024x768
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## Other Macintosh System: SE/30

Generation Systems, Inc. V/30 A	640x480	640x480	640x480	640x480	640x480
Generation Systems, Inc. V/30 x	640x480	640x480	640x480	640x480	640x480
Micron Technology, Inc. Xceed SE/306-48	640x480	640x480	640x480	640x480	640x480
Micron Technology, Inc. Xceed SE/3010-78				1024x768	1024x768

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